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Objective:

A challenging technical position in Software Development.

Computer Skills:

- C/C++, Java, TINY, QGT, Perl, Shell Programming, Socket Programming
- Operating System: NTNTX, Window95/NT
- Database: Oracle, SQL

Education:

MS Degree in Computer Science from Illinois Institute of Technology (May/99)
Bachelor in Computer Science from Jilin Institute of Technology, P. R. China
(08/88-08/92)

Projects:

- Implemented a client program in C to communicate with a pseudo remote server via multiple layered architecture and communication protocols. The layers are XFRP, XRPC, Physical. The protocol between XFRP and XRPC are divided into five PDUs such as read request, write request, data, acknowledgement and error.
- Modified NTNTX process scheduler using C from "FCFS" to "TRD", memory management from "FIFO SFT" to "Burst SFT" and also add a graphic driver.
- Implemented a Inventory Management System by using C++. The system is designed to be able to add, delete, update the inventory list.
- Implemented a Reminder with Graphic User Interface by using Java API. The program gets inputs from user, such as hour, time, year and event. The Reminder can add, delete, update , display the list of events.
- Implemented a Record Manager, Buffer manager and Index Manager by using both C and C++.
- Designed a network connecting three campuses. According to the different application, the number of users, number of host and financial constraints.
- The simulation of two kind of traffic: "Best effort" and "Real Time". The whole program is like a big loop and the interarrival time for each package is randomly generated. Implemented in C.
- Wrote a "Talk" program running on two hosts, using TCP and UDP. Implemented in C.
- Developed system requirements for the hotel management system that provides reservations, automated billing, inventory tracking and Reporting.

Visa status: No sponsor needed